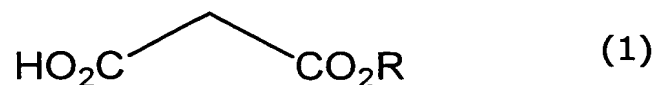


ABSTRACT

The present invention relates to a compound represented by formula (1) or a salt thereof:



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wherein R represents a group that is easily removable upon hydrolysis in vivo. This compound is usable in the production of prodrug-type carbapenem antibacterial agents for oral administration. The use of this compound in the process of

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production of the antibacterial agents can realize enhanced production efficiency and reduced production cost.